Congratulations on your purchase of our ENGLER device. Before installing or using this product, please take our advice and read the entire manual thoroughly. This will enable you to fully profit from all of the advantages this product offers.

Installation

Unpacking and Inspection
Please take the time to ensure that the product is complete and free from any damage incurred during transit. If there is any loss or damage, refer to our general terms of sale and delivery.

Material Compatibility
Make sure that the model which you have selected is chemically compatible with the application liquids it will contact.

Temperature and Pressure
See technical data.

Proper Installation and Handling
Only properly-trained staff may install and/or repair this product.
The device may not be changed in its technical characteristics.
If difficulties should occur during system startup, please contact us immediately.
Mounting holes and insertion opening must be executed exactly according to technical description. Sealing surfaces must be free of soil particles before mounting. Insert device carefully (Float Switches vertically - max. inclination angle about 15°) and screw it to correspondent attachment facilities. Tighten the device carefully within the fitting.
Caution: Loose fit impairs proper function!
Use a special sealant or gasket with all device installations. Always check for leaks prior to system startup.

Leak Testing: Before system startup the whole system must be checked for leaks. To ensure proper installation and safety, a complete leak test and simulation of actual process conditions must be performed.

Wiring and Electrical
Electrical wiring of the device should be performed according to enclosed terminal connecting plan. **All consumers have to be equipped with a correspondent protective circuit, according to VDE/EN.**
Devices equipped with protective conductor: The earthed conductor has to be connected regularly - otherwise a defective device may cause a rush of current (Danger of death!).
See technical data.

Maintenance

General instructions
The devices are not subject to a specific maintenance schedule but the particular part of the device that is inserted into the medium has to be kept clean constantly. According to correspondent process characteristics, the user has to choose the correct maintenance interval on his own.

Cleaning
1. Current: Make sure that the power supply to the device and / or public supply is cut off.
2. Disassembly of device: Before disassembly make sure that the container has been drained off correctly. Then disassemble the device carefully from its attachment.
3. Cleaning of the device: Clean the devices carefully with a smooth brush and a mild detergent.
Never use hard abrasives like steel wool or sandpaper – the surface of the device might be damaged.
4. Installation: Please pay attention to the correct succession of installation steps, according to section “Installation“ in this manual.